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Forest Practices Act 1985 FPP No.: DCG0298-01
 Certification Number: 2010-0820 Local File ID: DCG0298 (BO094D)

Update Type: Last edit by: Created on: Updated on:

*It is necessary to read this Forest Practices Plan in its entirety for the specifications required by Section 18(2) of the Forest Practices Act 1985. This Forest Practices Plan authorises forest practices and operations to which it refers on the land specified in the Plan and during the period specified in the Plan, provided that the operations are carried out in accordance with the Plan.
 This authority is given for the purposes of the Forest Practices Act 1985 only. Those carrying out the operations under the Plan should ensure that they comply with all relevant laws including the conditions of licences, permits and other authorities issued under other laws.*

Coupe Name: Location: PTR Number:
 Tenure: IBRA 4 region: UPI or PID Numbers:
 District: Municipality: Landowners:
 Map Sheet: Grid reference: Principal Processors:
 Applicant:

Parent Rock 1: Soil 1: Stoniness 1:
 2: Description 2:
 2:
 Erodibility Class 1: 2: Majority Slope: Maximum Altitude:

Within town water catchment: Within a landscape zone in a Municipal Planning Scheme:
 Water Intake: Known Domestic Water Supply Intake within 2km:
 Distance to Intake: Net Area of Crown Land Reserve:

Emergency meeting Point:

Plan certified by: Date certified: Plan lifetime: Date notice of intent sent:

Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details
Roading	17/12/2010	30/06/2012	Main Road Outlet: <input type="text" value="No"/> Road lengths (km): 1: <not defined> 2: <not defined> 3: 0.2 4: <not defined>
Timber Harvesting	17/12/2010	30/06/2012	Minimum Class of Equipment to be used Dry: <input type="text" value="C1"/> Wet: <input type="text" value="C1"/> Cable: <input type="text" value="NA"/>
Reforestation	30/06/2012	30/06/2014	
Reforestation Assessment	30/06/2014	30/06/2016	

Current RFA Forest Community and/or Land Use	Prescription	Ha
Tall E. obliqua forest (OT)	Aggregated Retention (ARN)	11.00
Tall E. nitida forest (NT)	Aggregated Retention (ARN)	1.85
Non forest : Heath/scrub (NFH)	Road Construction (RC)	0.15
Net Operational Area: <input type="text" value="13.00"/>	Total Area to be Reforested: <input type="text" value="12.85"/>	Total Area to be Harvested: <input type="text" value="13.00"/>
		Total Area of Operation: <input type="text" value="13.00"/>

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A. GENERAL

Forest Practices shall be carried out in accordance with the principles and approaches specified in the Forest Practices Code. All Forest Practices Code mandatory statements ("will" statements) apply, whether or not they are highlighted below. Other specific provisions listed in this plan are also mandatory.

B. ACCESS TO THE FOREST**ROADING**

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan **Forestry Tasmania**

- This plan provides for the construction of approximately 200m of class 3 spur road, an extension of Helilog Road.
- The road has been located in the field, and is marked with red flagging tape along the planned road centre line.
- Significant changes to the alignment of the roadline will not be made without the prior approval of a Forest Practices Officer.
- Road clearing width will be kept to approximately 20 metres. Clearing widths will not be increased without the prior approval of the supervising Forest Officer.
- The road clearing width shall be kept to a maximum of 15 metres where the road construction passes through non-commercial scrub.
- Where necessary, clearing widths may increase with side slope to allow for cuts and fills after prior approval by the supervising Forest Officer.
- During the construction of stream crossings, care will be taken to minimise disturbance and the amount of spoil entering these streams.
- Fill slopes on the discharge end of culverts will be protected from erosion as per Section B3.2 of the Forest Practices Code 2000.
- Hazardous trees that are likely to fall on the road surface should be removed during road construction.
- There are no significant stream crossings required along the length of construction. There will be surface drainage culvert pipes installed along the construction in accordance with the Forest Practices Code 2000.
- No machinery will be walked, or snigging carried out along roads or their verges, except when approved by the supervising Forestry Tasmania Officer. The contractor will repair damage to the roads caused by any machinery.
- Table drains are to be kept clear of debris and culvert inlets and outlets are to be kept open at all times

C. HARVESTING OF TIMBER

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan: **Forestry Tasmania**

BOUNDARIES

All operations associated with harvesting will be confined to within the boundaries as described below. (see attached map)

- The northern boundary is adjacent to non-commercial scrub and native forest aggregates and is marked with blue flagging tape (see attached map).
- The western boundary is adjacent to several aggregates and is marked with blue flagging tape (see attached map).
- The southern boundary is adjacent to an aggregate and is marked with blue flagging tape (see attached map).
- The eastern boundary is adjacent to non-commercial scrub and native forest aggregates and is marked with blue flagging tape (see attached map). A section of the eastern boundary is adjacent to a 30m streamside reserve on a class 2 stream and is marked with blue flagging tape.
- Variations to the harvesting boundary alignment may be negotiated with the supervising Forest Officer where improvements can be made to burning boundaries, or to the ability of the contractor to efficiently harvest the coupe. Where such minor variations are agreed, the supervising Forest Officer will adjust the taped boundary and the action will be fully documented and signed on the District coupe file. Significant boundary relocation requires a signed variation to this plan.

LANDINGS

- Landings will be located on high points as indicated approximately on the attached map.
- No additional landings may be constructed or used unless authorised and documented by the supervising Forest Officer.
- Landings should be established by placing cording over the landing at the commencement of use.
- Bark matting may only be used if it is placed on top of woody material (to prevent bark directly contacting the soil)
- Bark may be returned to the bush or heaped to the side of the landing.
- Where bark is returned to the bush, it shall not be left closer than 5 metres to any retained trees or within any drainage lines.
- See Landing Restoration section of this plan for additional details.
- Landing site is to be kept well drained so as to prevent ponding of water.

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SNIG TRACKS

- Approximate snigging directions are indicated on the attached map.
- All snig tracks must be planned, constructed and used as required by the Forest Practices Code (pages 35 to 38). In addition the following will apply:
- Snig tracks will be located and constructed, so as to divert water on to trackside vegetation. The tracks should be out sloped where possible.
- Cording and matting, or shovel logging techniques will be used on all major snig tracks for the period 1st July to 30th September and at other times during wet conditions. Bark matting may only be used if it is placed on top of woody material (to prevent bark directly contacting the soil)
- Cording and matting will be required on feeder tracks if rutting greater than 20 cm's occurs. Bark matting may only be used if it is placed on top of woody material (to prevent bark directly contacting the soil)
- Snig tracks shall not follow drainage depressions.

FELLING PRESCRIPTIONS (see also Conservation of Natural and Cultural Values)

- Harvesting is to be by clearfelling within the boundaries shown on the map attached and marked with blue flagging tape in the field.
- Trees will be felled away from the coupe boundary unless unsafe to do so. It is the intent to minimise slash along the coupe boundary.
- Trees should not be felled across the coupe boundary. Trees that are likely to fall across the harvesting boundary must be discussed with the supervising Forest Officer to determine whether they will be felled. The Contractor will ensure that tree heads are pulled back inside the harvesting boundary unless the Forest Officer agrees they should stay. Trees that are accidentally felled across the coupe boundary are to be left in place and inspected by a Forest Officer before deciding on a course of action.
- Tree heads that carry collectable amounts of mature seed capsules should be placed away from snig tracks and not disturbed after placement. The contractor should notify the FT supervisor as soon as possible to allow collection to be carried out.
- No trees shall be felled into or out of an aggregate unless authorised by a Forest Practices Officer for safety reasons. Where a tree accidentally falls into an aggregate, a decision will be made by the FPO whether the tree will be pulled out or left in place.
- No machinery shall enter an aggregate, as defined with blue flagging tape.
- Giant Trees: The harvest area has the potential to contain giant trees, if the harvesting contractor finds a tree with a breast height diameter greater than 4.5 metres, no forest activities will be carried out within 100 metres of the tree pending detailed height and diameter measurements. The tree will be reported to the Forestry Tasmania harvesting supervisor.

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STREAMSIDE MANAGEMENT**See attached map for all stream locations.**

- There is a Class 2 stream (McKimmie Creek) with a minimum 30m streamside reserve retained on it, adjacent to the south eastern boundary.
- There is a broad (diffuse) swampy class 4 stream (labelled 'Stream A') flowing through the middle of the coupe and is contained within an aggregate maintaining a minimum 20m streamside reserve.
- There is an internal class 4 stream (labelled 'Stream B') flowing from the eastern part of the coupe. It is contained within an aggregate and has a minimum 10m streamside reserve along the western side (see attached map).
- One class 4 temporary stream crossing has been approved (see attached map).
- Additional stream crossings may be approved by a Forest Officer prior to construction and usage and recorded on a monthly coupe audit. The number of temporary stream crossings is to be minimised.
- The crossings are to have a clear opening for water to flow through unimpeded.
- Approaches are to be corded if rutting is likely to occur.
- Temporary crossings are to be removed prior to the completion of harvesting, unless required for subsequent forest operations. Where temporary crossings have been retained, details are to be recorded on the monthly forest practices audit.
- Other than feller bunchers, machinery is not to enter within 10 metres of class 4 streams except to utilise temporary stream crossings.
- Feller bunchers may approach to within 5 metres of class 4 streams provided the contractor or principal has flagged in advance the edge of the 10-metre machinery exclusion zone. The machine must move in and out of zone without slewing machine tracks (see page 47 of the Forest Practices Code booklet, 2000).
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within 20m until advice of the supervising Forest Practices Officer has been received.
- Note clauses under Harvesting of Timber – Boundaries.

Streamside reserve boundaries to be marked by: Forestry Tasmania

How marked: Blue flagging tape

HARVESTING RESTORATION (by the contractor)

- Restoration will be carried out progressively as the harvesting operation progresses across the coupe, and be fully completed before a coupe clearance will be issued.

LANDINGS

- Sites are to be left adequately drained as per the original ground contours.
- Rubbish, metal, oil and other foreign matter will not be included in either bark or waste wood heaps.
- All heaps of landing waste (bark and waste wood) unless otherwise approved by this plan will be left at least 40 metres from any flammable boundary to facilitate safe burning practices. Where this is not possible, alternative Fire Management options are to be approved by the Works Supervisor and signed-off on the monthly Forest Practices audit.

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BOUNDARIES

- Pull back heaps of slash (tree heads, shrubs and other non-merchantable woody material) where they fall over the harvesting boundary.

Bark Management

- **Bark** is to be heaped on a well drained site and where possible onto a raft of light limbwood (less than 20 cm diameter). Wood greater than 20 cm diameter is not to be placed in bark heaps. See below for details.
- **Design and placement** of bark heaps is to be discussed between the Contractor and Forest Officer in charge at commencement of each landing, with the aim of ensuring complete combustion at time of re-forestation.
- Bark will be stacked in small cone shaped bark heaps, less than 5 metres in diameter and 5 metres in height unless otherwise authorised by a Forest Supervisor.
- A 3-metre firebreak is to be constructed around the perimeter of the bark and waste wood heap area.
- Cording and matting are to be stripped from the landing pad and aerated before being added to heaps.
- Wet saturated bark should be placed on top of bark heaps. Small amounts may be placed on the top of wood waste heaps in such a manner that it will be readily burnt and will not affect the rapid combustion of the wood waste.

Waste Wood Management.

- Waste wood pieces (greater than 20 cm diameter) to be heaped separate from bark heaps.

SNIG TRACKS

- Snig track restoration shall be done progressively as sections are completed - See pages 39-41 of the Forest Practices Code 2000.
- Cording shall be completely removed from stream crossings, allowing free flow of the stream.
- Snig track cording and matting is to be lifted and aerated by the harvest contractor unless explicitly exempted by the supervising Forest Officer.

ROADING

- Damage (other than acceptable "normal wear & tear") to the road pavement, drains and culverts will be repaired by the contractor responsible for damage.

OTHER

- All rubbish from forestry operations will be removed to a municipal tip site.
- If collection of seed from the coupe is necessary during the harvesting operation, the seed collection will adhere to the procedures outlined in "Safety Procedures for Seed Collectors (September 1997)".
- Forestry Tasmania supervisors will discuss seed requirements with the harvesting contractor. If the specified seed crops are found, the contractor will report this to a FT officer as soon as possible.

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D. CONSERVATION OF OTHER VALUES

Prescriptions to manage flora, fauna, geomorphic, soil and water, archaeological and landscape values.

FLORA

- No specific prescriptions required.

FAUNA**WEDGE-TAILED & WHITE-BELLIED SEA EAGLE**

- Contractors are to notify the FPB Zoologist via the Forest Practices Officer in charge of the operation if any nests are discovered during the operation.
- If a nest is discovered during the breeding season (August - January inclusive) immediately cease all forestry activity within 500 m of the nest or within 1 km if in line of sight of the nest.
- If a nest is discovered outside the breeding season (February - July inclusive) cease all forestry activities within 500 m of the nest.

GREY GOSHAWK

- Contractors are to notify the FPA Zoologist via the Forest Practices Officer in charge of the operation if any nests are discovered during the operation and keep forestry activities at least 100m away.

HYDROBIID SNAIL

- Coupe is to be harvested during dry weather only.
- A 30 m streamside reserve to be retained on the class 2 stream.
- The reserved vegetation alongside the class 2 stream must not be disturbed. A "slow" burn suited to variable retention silviculture should be directed away from the streamside reserves.
- Riparian vegetation, particularly the understorey, is retained intact within 10 m of class 4 streams. Every effort should be made to avoid burning any retained vegetation alongside these streams or at least minimising the intensity of the burn.
- There must be no mechanical disturbance to the creek bed at all stages of the operation except at designated crossing points.
- Minimise stream crossings.
- There should be no chemical input into the watercourse and all precautions should be taken to prevent sediment input. Only non-residual chemicals and those registered for use near waterways should be used.

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EARTH SCIENCE

- Coupe is to be harvested during dry weather only.
- Any large boulders located on the coupe should be treated with a minimum 5m Machinery Exclusion Zone to protect from direct machinery disturbance.
- The internal class 4 streams A and B are surrounded and protected by an aggregate.

CULTURAL HERITAGE

- A post-operation aboriginal artefact survey will be required.

Person or organisation responsible for organising Aboriginal archaeological survey is

Forestry Tasmania

LANDSCAPE

- No specific prescriptions required.

APICULTURE

- The contractor is to notify Forestry Tasmania immediately if any areas that have moderate or high stocking of leatherwood trees are found in the coupe. There are to be no forestry operations within at least 10 metres of the edge of any leatherwood areas until assessed by a Forestry Tasmania Forest Officer.

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E. ESTABLISHING FORESTS (REFORESTATION)

Person or organisation responsible for reforestation and having primary responsibility for management of forest practices under this section of the plan is **Forestry Tasmania**

Site preparation procedures (e.g. firebreaks, access tracks, cross drains (grips), areas to be treated differently etc.)

- This coupe will be regenerated to native forest. Regeneration may be by a “slow” burn suited to variable retention silviculture and aerial sowing.
- Firebreaks and access tracks will be gripped using the standards set out in Table 6 Page 40 of the Forest Practices Code. Firebreaks and access tracks should not cross Class 4 streams.
- Cross drains (grips) must be located and constructed to allow effective dispersal of water into track side vegetation, ongoing vehicular access and reduced susceptibility to erosion. Cross drains should be of spoon drain construction and cut below ground level.

Burning (e.g. Planned intensity and timing)

- Burning may be by a “slow” burn suited to variable retention silviculture.
- Burning will be in accordance with an approved burning plan.
- The burn plan will address efforts to exclude fire from the aggregates, class 2 and class 4 streamside reserves or minimise intensity of the burn.

Sowing or plantation treatments (artificial sowing, seed zone, natural regeneration, retained growing stock, planting etc.)

- Seed collection and sowing will be in accordance with Native Forest Silviculture Technical Bulletin 1 (Forestry Tasmania 2007).
- The use of 100% on site seed for all present eucalypt species will be the desired aim. If 100% on-site seed is unattainable then aim for a minimum of 10% on-site seed. If no on-site seed is available seed will be sourced from within the same seed zone or in the absence of sufficient in-zone seed, from the nearest compatible zone.
- The seed mix should contain approximately 60% *E. obliqua*, 30% *E. nitida* & 10% *E. delegatensis*.
- The seed will be aerially sown as soon as is practical (less than 21 days) following the regeneration burn.

Stocking Standards (Specify survey method and stocking standard to be achieved)

- Stocking and growth will be monitored in accordance with Native Forest Silviculture Technical Bulletin 12 (Forestry Tasmania 1999).
- If browsing animal damage has a significant effect on the establishment or early growth of the regeneration, browsing control involving shooting and/or trapping may be carried out (this will be determined by monthly browsing transect audit results and field checks by the Native Forest Officer).
- A regeneration survey will be carried out at approximately one year of age using Stocking Standard A of Technical Bulletin 6 (Forestry Tasmania 2003).
- Regeneration survey to be organised by: Forestry Tasmania

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Weed control (Describe method(s) to be used)

- No specific weed control requirements for this regeneration treatment

Fertiliser application (Describe method(s) to be used)

- No fertiliser application.

Person or organisation responsible for reforestation: Forestry Tasmania
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F. MANAGEMENT OF FUELS, OILS, RUBBISH AND EMISSIONS**USE OF FUEL AND LUBRICANTS**

- Sites for fuel storage will be located at least 40 metres from any stream reserve and will be surrounded by an earthen bund capable of containing the maximum contents of fuel stored.
- Fuel tankers that leak fuel are not acceptable and will not be allowed on site. Care is to be taken to minimise fuel and oil spillage and waste oil is not to be tipped on the ground.
- Any fuel and oil spills greater than 20 litres will be reported to Forestry Tasmania (Ph 6433 2666) without delay.
- Any fuel or oil spills are to be cleaned up and contaminated soil removed to a registered hazardous waste disposal site.

WEED MANAGEMENT

- All machinery is to be thoroughly washed and cleaned prior to movement into and prior to moving out of the compartment. This includes all harvesting and site preparation machinery & will be recorded on the Forest Operation report form by the supervising officer.
- The area will be monitored for broom, gorse, ragwort and pampas infestations & action will be taken by FT for eradication as required.

FIRE MANAGEMENT

- A Fire Action Plan is prepared and reviewed annually for all State Forest in Murchison District. Fire suppression and priority responses are covered in this document.

FIRE FIGHTING EQUIPMENT

- All equipment and machinery must have regular maintenance of mufflers, spark arresters, running gear and removal of debris from manifolds and base plates.
- Fire prevention for Forest Operations is as per procedures developed by the Tasmanian Forest Industry Fire Management Committee (TFIFMC)
- The current prescriptions are listed in Murchison District Contractor Advice No. 5

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Forest Practices Officer (Planning)

Certified by (signature):  **Date:** 17/12/2010

Name: 

Pursuant to a delegation from the Forest Practices Authority under section 43 of the *Forest Practices Act 1985*.

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ACKNOWLEDGEMENT OF PERSONS/ORGANISATIONS IN RELATION TO THIS FOREST PRACTICES PLAN

1. Landowners consent

I am the owner of the land or the authorised agent of the owner of the land referred to in the attached Forest Practices Plan no. **DCG0298 (BO094D)** and have given my approval for the plan to be submitted to the Forest Practices Authority for certification under section 19 of the *Forest Practices Act 1985*. I understand that, under section 25C of the *Private Forests Act 1994*, if I am a private landowner, I may be required to pay a levy to Private Forests Tasmania based on the nett area of forest operations under the plan.

Name [REDACTED]
 Company or other entity Forestry Tasmania
 Address P.O. Box 68 Burnie
 TAS 7320
 Phone (03) 6433 2666
 Signature [REDACTED]
 Date 2/12/2010

2. Acknowledgement of applicant

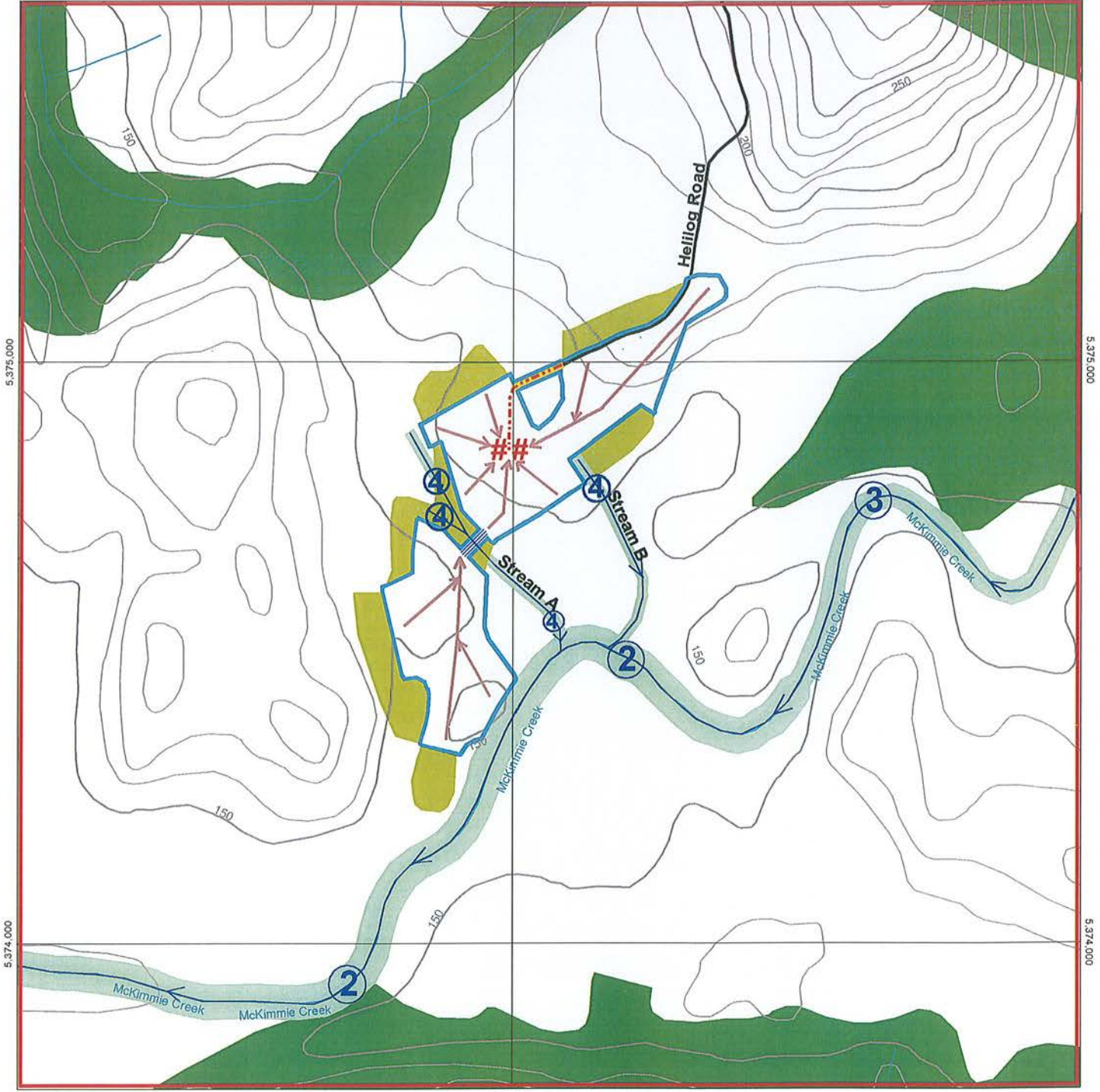
I submit the attached Forest Practices Plan no. **DCG0298 (BO094D)** to the Forest Practices Authority and apply for its certification. I acknowledge that I understand the provisions of the plan, and that I am responsible for ensuring that the plan is complied with unless otherwise stated in the plan. I understand that I am responsible for the lodgment of interim compliance reports with the Forest Practices Authority within 30 days of the completion of each discrete operational phase* under the plan; and further, for the lodgment of a final compliance report with the Forest Practices Authority within 30 days of the expiry of the plan. I understand that under sections 18(4A) and 18(4B) of the *Forest Practices Act 1985*, I must pay a prescribed application fee at a time, and in a manner, determined by the Authority.

Name [REDACTED]
 Company or other entity Forestry Tasmania
 Address P.O. Box 68 Burnie
 TAS 7320
 Phone (03) 6433 2666
 Signature [REDACTED]
 Date 2/12/2010

*Discrete operational phases under this plan include (tick box against each forest practice proposed):

- | | |
|---|---|
| <input checked="" type="checkbox"/> Road construction | <input checked="" type="checkbox"/> Assessment of reforestation |
| <input type="checkbox"/> Tree fern harvesting | <input type="checkbox"/> Tree clearing |
| <input checked="" type="checkbox"/> Timber harvesting | <input type="checkbox"/> Quarry operation |
| <input checked="" type="checkbox"/> Forest establishment (including reforestation, i.e. restocking land with trees) | |

375,000



Scale 1:10,000

Mapsheet: ROSEBERY 3637

Harvest Area 13 hectares

A4P



LEGEND

Map Centre Coordinates: 375071 mE, 5374686 mN

Date: Wednesday, 22 April 2009

FPP boundary	Located or marked out road	Formal reserves	Aggregate
Harvest boundary	Provisional mapped road	Informal reserves on State forest	Hazard
Classed Stream	Walking Tracks	Informal reserves on other tenures	Water
Unclassed Stream	Hydro/Comms	Streamside reserves	
Road class 1-3	Contours	Conditional areas	
Road class 4	Snig direction	Private land	Minimum 15m Clearing Width
Landing	Crossing		
Bridge	Cable setting		
Special point feature			



To: (Relevant FPO) [redacted] (*1)

APPLICATION FOR VARIATION TO CERTIFIED FOREST PRACTICES PLAN

(SECTION 23 OF THE FOREST PRACTICES ACT)

I, [redacted] for (*2) **Forestry Tasmania** as the original applicant for certified FPP No. **DCG0298 (BO094D)** hereby apply for the plan to be varied.

Signature..... [redacted]Date 31/05/2016

Manner in which the provisions of the certified FPP are to be varied:

On the cover page,

Change the estimated end dates for roading to the 30/06/2017, estimated end date for timber harvesting to 30/06/2018, estimated end date for reforestation to the 30/06/2019, estimated end date for reforestation assessment to 30/06/2020 and the expiry date of the plan to the 30/06/2020

Attach map if required.

- *1 Forest Practices Officer who certified the original FPP where possible.
- *2 State name of company or other entity, where applicable.

Landowners Consent

I am the owner of the land or the authorised agent of the owner of the land referred to in FPP No **DCG0298** and hereby give my approval for the proposed variation to be submitted for certification.

Name [redacted]

Company or other entity..... [redacted] Forestry Tasmania

Signature..... [redacted]Date 05/06/16

This application for variation of certified FPP No. **DCG0298** has been granted/~~refused~~ (cross out if not applicable).

The reasons for the refusal are as follows (*3)

.....

Signed (FPO) [redacted] Date 14-6-16

Name of FPO: [redacted]
(*3 Notice of refusal to be sent forthwith to landowner and applicant).

If aggrieved by the refusal, the applicant has the right to appeal to the Forest Practices Tribunal. Appeals must be made in writing, and be sent within 14 days to:

The Registrar
Forest Practices Tribunal
GPO Box 2036
HOBART 7001